

Publications

Number of documents
25

Journal articles

11 documents

David Coudert, Guillaume Ducoffe. Revisiting Decomposition by Clique Separators. *Siam Journal on Discrete Mathematics*, Society for Industrial and Applied Mathematics, 2018, 32 (1), pp.682 - 694. .

Guillaume Ducoffe. A short note on the complexity of computing strong pathbreadth. *Information Processing Letters*, Elsevier, 2018, 133, pp.56-58. .

David Coudert, Guillaume Ducoffe, Nicolas Nisse, Mauricio Soto. On distance-preserving elimination orderings in graphs: Complexity and algorithms. *Discrete Applied Mathematics*, Elsevier, 2018, .

Julio Araujo, Guillaume Ducoffe, Nicolas Nisse, Karol Suchan. On interval number in cycle convexity. *Discrete Mathematics and Theoretical Computer Science*, DMTCS, 2018, Vol. 20 no. 1 (1), pp.1-28. .

Nathann Cohen, David Coudert, Guillaume Ducoffe, Aurélien Lancin. Applying clique-decomposition for computing Gromov hyperbolicity. *Theoretical Computer Science*, Elsevier, 2017, 690, pp.114-139. .

David Coudert, Guillaume Ducoffe, Nicolas Nisse. To Approximate Treewidth, Use Treelength!. *Siam Journal on Discrete Mathematics*, Society for Industrial and Applied Mathematics, 2016, 30 (3), pp.13. .

David Coudert, Guillaume Ducoffe. On the hyperbolicity of bipartite graphs and intersection graphs. *Discrete Applied Mathematics*, Elsevier, 2016, 214, pp.187-195. .

David Coudert, Guillaume Ducoffe. Data center interconnection networks are not hyperbolic. *Theoretical Computer Science*, Elsevier, 2016, 639, pp.72-90. .

David Coudert, Guillaume Ducoffe. Recognition of C_4 -free and $1/2$ -hyperbolic graphs. *Siam Journal on Discrete Mathematics*, Society for Industrial and Applied Mathematics, 2014, 28 (3), pp.1601-1617. .

Julio Araujo, Jean-Claude Bermond, Guillaume Ducoffe. Eulerian and Hamiltonian dicycles in directed hypergraphs. *Discrete Mathematics, Algorithms and Applications*, World Scientific Publishing, 2014, 06, pp.1450012. .

Guillaume Ducoffe. Hamiltonicity of large generalized de Bruijn cycles. *Discrete Applied Mathematics*, Elsevier, 2013, 161, pp.2200 - 2204. .

Conference papers

12 documents

Jean-Claude Bermond, Augustin Chaintreau, Guillaume Ducoffe, Dorian Mazauric. How long does it take for all users in a social network to choose their communities?. *9th International Conference on Fun with Algorithms (FUN 2018)*, 2018, La Maddalena, Italy.

David Coudert, Guillaume Ducoffe, Alexandru Popa. Fully polynomial FPT algorithms for some classes of bounded clique-width graphs. *ACM-SIAM Symposium on Discrete Algorithms*, Jan 2018, New Orleans, United States. SIAM, pp.20, 2018, .

Guillaume Ducoffe. Finding cut-vertices in the square roots of a graph. *43rd International Workshop on Graph-Theoretic Concepts in Computer Science (WG 2017)*, Jun 2017, Eindhoven, Netherlands. Lecture Notes in Computer Science, 10520, pp.234--248, 2017, Graph-Theoretic Concepts in Computer Science. .

Guillaume Ducoffe, Ruxandra Marinescu-Ghemeci, Alexandru Popa. On the (di)graphs with (directed) proper connection number two. *IX Latin and American Algorithms, Graphs and Optimization Symposium (LAGOS)*, Sep 2017, Marseille, France. 62, pp.237 - 242, 2017, .

David Coudert, Guillaume Ducoffe. A simple approach for lower-bounding the distortion in any Hyperbolic embedding. *EUROCOMB'17 -- The European Conference on Combinatorics, Graph Theory and Applications*, Aug 2017, Vienna, Austria. Elsevier, Electronic Notes in Discrete Mathematics, 61, pp.293 - 299, 2017, .

Guillaume Ducoffe, Sylvain Legay, Nicolas Nisse. On the Complexity of Computing Treebreadth. Veli Mäkinen; Simon J. Puglisi; Leena Salmela. *27th International Workshop on Combinatorial Algorithms, IWOCA 2016*, Aug 2016, Helsinki, Finland. Springer International Publishing, 27th International Workshop on Combinatorial Algorithms (IWOCA 2016), pp.3-15, 2016, Combinatorial Algorithms. . .

Guillaume Ducoffe. The Parallel Complexity of Coloring Games. Martin Gairing and Rahul Savani. *9th International Symposium, SAGT 2016*, Sep 2016, Liverpool, United

Kingdom. Springer International Publishing, pp.27-39, 2016, Algorithmic Game Theory. . .

David Coudert, Guillaume Ducoffe. Liens entre symétries et étirements de routages dans les réseaux d'interconnexions de centres de données. *ALGOTEL 2016 - 18èmes Rencontres Francophones sur les Aspects Algorithmiques des Télécommunications*, May 2016, Bayonne, France.

Augustin Chaintreau, Guillaume Ducoffe, Roxana Geambasu, Mathias Lécuyer. Vers une plus grande transparence du Web. *ALGOTEL 2015 — 17èmes Rencontres Francophones sur les Aspects Algorithmiques des Télécommunications*, Jun 2015, Beaune, France.

David Coudert, Guillaume Ducoffe, Nicolas Nisse. Structure vs métrique dans les graphes. *ALGOTEL 2015 — 17èmes Rencontres Francophones sur les Aspects Algorithmiques des Télécommunications*, Jun 2015, Beaune, France.

Mathias Lecuyer, Guillaume Ducoffe, Francis Lan, Andrei Papancea, Theofilos Petsios, et al.. XRay: Enhancing the Web's Transparency with Differential Correlation. *USENIX Security Symposium*, Aug 2014, San Diego, United States.

Guillaume Ducoffe, Dorian Mazauric, Augustin Chaintreau. De la difficulté de garder ses amis (quand on a des ennemis) !. Nisse, Nicolas et Rousseau, Franck et Busnel, Yann. *15èmes Rencontres Francophones sur les Aspects Algorithmiques des Télécommunications (AlgoTel)*, May 2013, Pornic, France. pp.1-4, 2013.

Poster communications

1 document

Guillaume Ducoffe, Mathias Lécuyer, Augustin Chaintreau, Roxana Geambasu. Web Transparency for Complex Targeting: Algorithms, Limits, and Tradeoffs. *SIGMETRICS '15 Proceedings of the 2015 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems*, Jun 2015, Portland, Oregon, United States. . .

Theses

1 document

Guillaume Ducoffe. Metric properties of large graphs. Other [cs.OH]. Université Côte d'Azur, 2016. English. .
